

REMARKS

This amendment is submitted in conjunction with a Request for Continued Examination under 37 C.F.R. § 1.114. By this paper, claims 1-5 and 17 have been cancelled and new claims 18-19 have been added. Claims 6, 8 and 9 have been amended. Accordingly, claims 6-9 and 18-19 are pending in the application. Claims 11-16 stand withdrawn from prosecution.

Rejection of independent claim 6

In the final office action mailed March 31, 2004, Claims 6 and 8 were rejected under 35 U.S.C. § 102 as being anticipated by U.S. patent number 5,651,053 to Mitchell ("Mitchell"). This rejection was repeated in the Advisory Action mailed August 11, 2004. According to the comments included with the Advisory Action, the examiner asserts that all SS7 call set up messages include a calling party identification field, a called party identification field and a redirecting element field. Mitchell does not literally spell out these fields but discloses a system that uses call set up messages so that it is inherent that the system claimed by Mitchell uses the claimed data fields.

It is respectfully submitted that Applicant has found a new way to use the conventional data fields of a call setup message to provide a novel and unobvious capability in an AIN system. Disclosed embodiments of the present application provide a call control service (sometimes the Total Control service). As is explained at, for example, page 3, lines 11-13 and page 4, lines 10-22 of the present application, in accordance with one embodiment,

a received call for a Total Control service subscriber is suspended upon receipt. If the call routing information for the calling party is marked presentation restricted or presentation unavailable so that standard caller identification can not be provided, the call is passed to service logic for a separate privacy service. If the call routing information for the calling party is marked presentation allowed, the call will be intercepted by total control service logic and forwarded to network equipment such as a service node or intelligent peripheral (generally, "SN/IP") for disposition. The SN/IP will place a new call to the original called party. When the called party's phone rings and is answered, the called party will hear the name of the calling party and decide whether to accept the call, deny the call, send the call to a sales refusal announcement or send the call to a voice mail box.... To complete the call from the SN/IP to the subscriber and uniquely configure the caller identification information, a new technical implementation is presented. A call setup message for the call from the service node is reconfigured at the

SN/IP. Typically, when the SN/IP originates a call, the directory number of the SN/IP is the calling party identifier and the subscriber directory number is the called party identifier. In one embodiment, the parameters of the call setup message are modified to the following:

Setup message:

Calling Party ID	DN of original calling party
Called Party ID	Total Control subscriber's DN
Redirecting Element 1	a unique 10 digit number assigned to the Total Control service

(emphasis added)

Thus, in conventional systems, the SN/IP (or other network equipment) places its own directory number or DN in the call setup message as the calling party identifier. One present embodiment provides for substituting instead the DN of the original calling party so that the proper caller identification information is sent to the called party. In this manner, the convenience of the Total Control service is added for subscribers while maintaining the caller identification functionality.

Thus, the conventional data fields of an SS7 call setup message are used but in a modified form which is unique and which allows enhanced functionality. Claim 6 has been amended slightly to emphasize these aspects of the claimed invention. The features of independent claim 6 are not disclosed in Mitchell. Reconsideration of claim 6 as amended is respectfully requested.

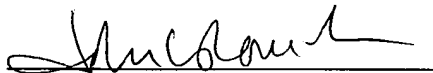
New claims 18 and 19

Claims 18 and 19 have been added to further define subject matter disclosed in the application. No new matter is added by these amendments. Support for these claims may be found in, for example, FIGS. 2-4 and 6 of the present application. Consideration and allowance of new claims 18 and 19 is respectfully requested.

Application no. 10/034,851
Amendment dated: September 28, 2004
Reply to office action dated: March 31, 2004

With this response, the application is believed to be in condition for allowance. Should the examiner deem a telephone conference to be of assistance in advancing the application to allowance, the examiner is invited to call the undersigned attorney at the telephone number below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John G. Rauch", is written over a horizontal line.

John G. Rauch
Registration No. 37,218
Attorney for Applicant

September 28, 2004
BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, ILLINOIS 60610
(312) 321-4200